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PATENT APPLICATION
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SPECIFICATION

Please replace the paragraph beginning at page 10, line 11 with the following amended line:

Now referring to FIGURE 5, a block diagram 500 depicts another embodiment of rule-based random irritation of a UUT model. Specifically, the block diagram 500 shows signal and data flows for rule-based random irritation of a UUT model, where a pattern generator is incorporated in a simulator. In the block diagram 500, a pattern generator 502 is connected to a rules list 504 for receiving information on how to generate data patterns that will be applied to a UUT model 506. A simulator 508 comprises the pattern generator 502 for generating data patterns. In one embodiment, all the functionality of the pattern generator 502 may be subsumed in the simulator 508. For the sake of clarity, however, the pattern generator 502 is identified within the simulator 508. A UUT model 506 is a software model of an actual UUT (not shown in FIGURE 5) such as the units 102, 104, 106, and 108 of FIGURE 1, and the unit 206 of FIGURE 2. An extractor 510 is a computer program connected to the simulator ~~510~~ 508 for receiving instructions therefrom to extract the inputs and/or outputs of a UUT (not shown) represented by the UUT model 506.